



566.43530X00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Noboru MORISHITA et al.

Serial No.: 10/783,018

Filed: February 23, 2004

For: REMOTE COPY SYSTEM

Group: 2186

Examiner: Unassigned

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.97 & 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

January 28, 2005

Sir:

In the matter of the above-identified application, Applicants are submitting herewith a search report and copies of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of a first office action on the merits.

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR §1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language abstract of the document.

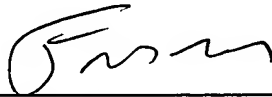
An English language abstract of JP 2004-294642 could not be found.

U.S. Patent Publication No. 2004/0145538 A1 corresponds with JP 2003-15931. U.S. Patent No. 6,752,120 corresponds with JP 2002-82775.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Mattingly, Stanger & Malur, Deposit Account No. 50-1417 (referencing attorney docket no. 566.43530X00) please credit any excess fees to such deposit account.

Respectfully submitted,



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Frederick D. Bailey  
Registration No. 42,282  
MATTINGLY, STANGER & MALUR, P.C.

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<b>FORM PTO-1449</b> U.S. Department of Commerce (Rev. 4/92) Patent and Trademark Office	ATTY. DOCKET NO. <b>566.43530X00</b>	SERIAL NO. <b>10/783,018</b>
	INFORMATION DISCLOSURE <b>28 2005</b> STATEMENT BY APPLICANT (Use several sheets if necessary)	
APPLICANT <b>Noboru MORISHITA et al.</b>		FILING DATE <b>February 23, 2004</b>
		GROUP <b>2186</b>

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2002/0004857 A1	1-2002	ARAKAWA et al.			
	2004/0078399 A1	04-2004	TABUCHI et al.			
	2004/0107315 A1	06-2004	WATANABE et al.			
	2003/0033494 A1	02-2003	FUJIBAYASHI et al.			
	2003/0126388 A1	07-2003	YAMAGAMI			
	2004/0128363 A1	07-2004	YAMAGAMI et al.			
	2004/0148443 A1	07-2004	ACHIWA			
	2004/0153719 A1	08-2004	ACHIWA et al.			
	2003/0177321 A1	09-2003	WATANABE			
	2003/0004981 A1	01-2003	KANEDA et al.			
	2004/0145538 A1	07-2004	UCHIDA et al.			

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
	JP 1-185408	07-1989	Japan			X	
	JP11-184641	07-1999	Japan				

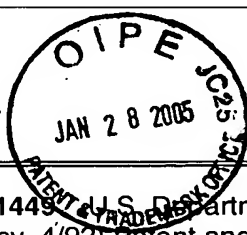
## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	ERVIN, "Managing Extended Distance EMC SRDF Semi-Synchronous Remote Copy," Technical Support, August 1999.
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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SHEET 2 OF 2

**FORM PTO-1449** U.S. Department of  
Commerce (Rev. 4/92) Patent and Trademark  
Office

ATTY. DOCKET NO.

**566.43530X00**

SERIAL NO.

**10/783,018****INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

APPLICANT

**Noboru MORISHITA et al.**

FILING DATE

**February 23, 2004**

GROUP

**2186****U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2004/0193660 A1	09-2004	GAGNE et al.			
	2004/0205294 A1	10-2004	NAKAYAMA et al.			
	2004*0230859 A1	11-2004	COCHRAN et al.			
	5,673,382	9-1997	CANNON et al.			
	6,253,295	6-2001	BEAL et al.			
	6,408,370	6-2002	YAMAMOTO et al.			
	6,420,494	07-2002	SOUCEK et al.			
	6,640,291	10-2003	FUJIBAYASHI et al.			
	6,752,120	06-2004	SAITO et al.			
	6,754,792	06-2004	NAKAMURA et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT	
						YES	NO
	JP 2003-108315	04-2003	Japan			X	
	JP 2004-294642	10-2004	Japan				X

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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(Form PTO-1449 [6-4])